

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A heat transfer device for removing heat energy from a plurality of heat loads, comprising:

a heat exchange structure containing a working fluid in a substantially closed envelope defining at least one evaporator and at least one condenser that are coupled by a vapor line and a liquid return line to provide a circulating path for the working fluid, through vaporization of a liquid phase of the working fluid at the evaporator, condensation of a vapor phase of the working fluid at the condenser, and return of the working fluid from the condenser to the evaporator through said liquid return line;

wherein the evaporator defines a reservoir for the liquid phase of the working fluid, and the evaporator comprises at least two spaced evaporation points for application of heat energy from distinct ones of the heat loads, said two spaced evaporation points being commonly supplied with the liquid phase of the working fluid from the reservoir.

2. (Original) The heat transfer device according to claim 1, wherein the evaporator consists essentially of an integral vessel comprising

thermally conductive material, said spaced evaporation points being located at spaced positions on the integral vessel.

3. (Original) The heat transfer device according to claim 1, wherein the reservoir is disposed between said at least two spaced evaporation points.

4. (Original) The heat transfer device according to claim 1, wherein the reservoir is coupled to at least one of the evaporation points by a wicking material supporting capillary flow of the liquid phase of the working fluid.

5. (Original) The heat transfer device according to claim 1, wherein the reservoir is defined by at least one recessed well in an enclosure defining the evaporator, said evaporation points being located on walls of the enclosure.

6.-13. (Cancelled)

14. (Original) The heat transfer device according to claim 5, wherein at least two of the evaporation points abut the recessed well at stepped

edges of an underside of the evaporator, surrounding the recessed well, whereby the evaporation points are supplied commonly from the recessed well, and further comprising a vapor outlet placed substantially over the recessed well, whereby vapor from the evaporation points diffuses commonly into the vapor outlet.

15. (New Claim) A heat transfer device for removing heat energy from a plurality of heat loads, comprising:

a heat exchange structure containing a working fluid in a substantially closed envelope defining at least one evaporator including a vapor accumulator in flow communication with a vapor line and at least one condenser that is coupled to said at least one evaporator by said vapor line and a liquid return line to provide a circulating path for the working fluid, through vaporization of a liquid phase of the working fluid at the evaporator, condensation of a vapor phase of the working fluid at the condenser, and return of the working fluid from the condenser to the evaporator through said liquid return line;

wherein the evaporator defines a reservoir for the liquid phase of the working fluid, and the evaporator comprises at least two spaced evaporation points for application of heat energy from distinct ones of the heat loads, said two spaced evaporation points being commonly supplied with the liquid phase of the working fluid from the reservoir.

16. (New Claim) A heat transfer device for removing heat energy from a plurality of heat loads, comprising:

a heat exchange structure containing a working fluid in a substantially closed envelope defining (i) at least one evaporator including a turret that defines a vapor accumulator arranged in flow communication with a vapor line and a liquid return line, and (ii) at least one condenser that is coupled to said turret by said vapor line and said liquid return line so as to provide a circulating path for the working fluid, through vaporization of a liquid phase of the working fluid at the evaporator, condensation of a vapor phase of the working fluid at the condenser, and return of the working fluid from the condenser to the evaporator through said liquid return line;

wherein the evaporator defines a reservoir for the liquid phase of the working fluid, and the evaporator comprises at least two spaced evaporation points for application of heat energy from distinct ones of the heat loads, said two spaced evaporation points being commonly supplied with the liquid phase of the working fluid from the reservoir.